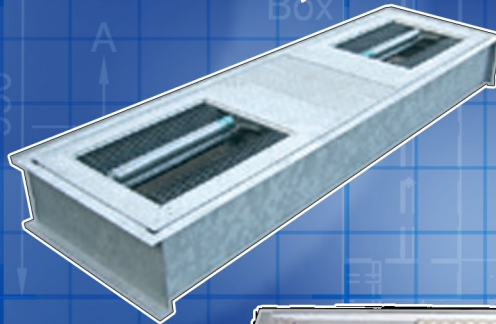


BM4010 Brake Tester For Light Vehicles

BM4010 is a strong above/in-ground brake tester for light vehicles with axle loads up to 3500 kg and a standard wheel track at min. 880 to max. 2085 mm. Large and easy-to-read aluminium display with analogue and digital readout of all relevant test data. The brake tester roller set is hot-galvanized and together with the aluminium display it can be installed both in- and outdoors.

BM4010 is also prepared for test line expansion including suspension tester and side slip tester all controlled from the same electronics with results shown in one display.

BM4010 is approved by several international authorities such as the RWTÜV Germany.



Options

The brake tester features a long range of options which allows for a configuration that can meet most customer requirements such as:

Display

- Mounting on stand or wall.
- PDA remote control and display.
- Infrared remote control.
- Pedal force meter.
- A4 Printer or PC Windows software.

Roller set

- Test of 4x4 driven vehicles.
- Automatic axle weight.
- Axle lifting system new!
- Rollers for wider wheel tracks:
 - Min. 800 mm to max. 2300 mm
 - Min. 800 mm to max. 2800 mm
- Heating package for outdoor installation.

Technical Data

Roller diameter / length	182 mm, 600 / 750 / 1000 mm		
Friction coefficient of roller from factory dry / wet	Min 0.7 / 0.6		
Wheel span	885 to 2085 / 2300 / 2800 mm		
Brake force measuring accuracy	0 - 100 daN: ± 2 daN > 100 daN: ± 2 % FS		
Weight measuring accuracy	0 - 100 kg: ± 2 kg > 100 kg: ± 2 % FS		
Pedal force measurement accuracy	0 - 99 daN : ± 1 daN		
Gear motor size	2.2 kW	3.8 kW	3.8 kW
Maximum test axle weight	3500 kg	3500 kg	4000 kg
Max brake force measurement	625 daN	625 daN	1250 daN
Test speed	2.5 km/h	5.0 km/h	2.5 km/h
Power and Fuses	3x400VAC+N+E Minimum 13 Amp	3x400VAC+N+E Minimum 20 Amp	3x400VAC+N+E Minimum 20 Amp

Roller Sizes

